

Army In Europe Smart Card Logon / CAC Cryptographic Logon

**SCL Overview for End Users
23 Mar 06**

Agenda

- **What is SCL/CCL?**
- **Why do we need to do this?**
- **What if I don't have a CAC card?**
- **What do I need to do to prepare?**
- **When will this happen?**
- **What if I have additional questions?**

NOTE: The demonstration links require sound

What is SCL/CCL?

- **CAC is the acronym for Common Access Card (The new ID card)**
- **SCL is the acronym for Smart Card Logon**
- **CCL is the acronym for CAC Cryptographic Logon**
- **Simply stated, SCL and CCL mean using your CAC card and pin to logon to unclassified networks instead of username and password**
- **Click on the link to see how simple CAC login is.**
SCL DEMO

Q: Why SCL?: Two-factor Authentication



- ✓ Current State
Username / Password

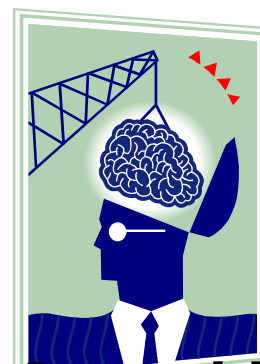


**Something you
KNOW**

**EASILY
COMPROMISED**

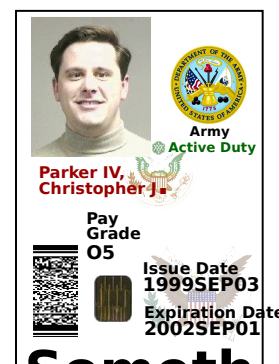


- ✓ End State Goal
SCL – Two Factor



**Something
you
KNOW**

PIN



**Something
you
HAVE**

CAC



Why do we need to do this?

- **Homeland Security Presidential Directive #12**
 - **Mandated that the Federal Government move to a secure means of access to buildings and networked systems.**
- **Joint Task Force-Global Network Operation (JTF-GNO)**
 - **Mandated that Smart Card Logon be 100% implemented no later than 31 July 2006**
- **This is essential to secure the unclassified network from external attacks**
- **These mandates do not give us a choice. We must implement SCL and use our CAC for network logon**
- **Efficiency is gained by using an easy to remember 6-8 digit PIN instead of a complex, ever-changing password**

What if I don't have a CAC?

✓ **Ensure that you have your CAC card. All DOD employees, local nationals, and contractors working for the government are authorized CAC cards.**

➔ **If you are eligible for a CAC card, please make arrangements to get one. See the link below for more information on who is eligible (click the back button after viewing this link)**

◆ **<https://iassure.usareur.army.mil/page.aspx?ID=199>**

➔ **There are some exceptions (i.e. Red Cross, FRG, Italian Local Nationals, Boy Scouts and Girl Scouts)**

➔ **For those not eligible, do not worry. You will still be able to get network access. Please make sure that your IMO is aware that you are not eligible to receive a CAC**

What do I need to do to prepare?

- ✓ If you are currently digitally signing or encrypting emails, then you are ready!
- ✓ If not then check the following:
 - ✓ Do you know your CAC pin number?
 - ➔ Most people forget it because they don't use it
 - ➔ The ID card office or your command's CPR representative can reset your pin for you if you do not remember it
 - ➔ Your 6-8 digit pin number is much easier to remember than the 10 digit complex password. Your pin doesn't change

What do I need to do to prepare?

Ensure your computer has a CAC reader installed. There are three types:

→ **PCMCIA** - Used on a laptop

→ **External** - Connected to your computer lying on your desk



→ **Keyboard**- Integrated into your keyboard

→ **Notify your IMO** if you do not have a CAC reader installed

What do I need to do to prepare?

Ensure your computer has Netsign v.5.5 installed

- ➔ **Double click on the Card Start Icon in the notification area (Next to the time in the bottom right hand corner).**
- ➔ **When the Netsign window appears, verify that version 5.5.128 or greater is loaded**
- ➔ **If it is not installed or the version is older than 5.5.128, contact your IMO.**
- ➔ **If you need further instructions on how to check this, click the icon. Netsign Check**

What do I need to do to prepare?

✓ **Check your CAC and ensure it has three certificates installed. Each certificate has a specific function.**

→ **Identity Certificate identifies you**

→ **Digital Signature Certificate is used to digitally sign emails**

→ **Encryption certificate is used to encrypt emails**

→ **If you need further instructions on how to check this, click the link. [Certificate Check](#)**

→ **If your CAC does not have all three certificates, make an appointment at the ID card office to get your CAC reloaded**

When will this happen?

- **USAREUR is trying to meet the 31 July deadline**
- **Testing is currently under way to ensure that there will be minimal disruption to your daily routine**
- **More guidance will follow as we prepare to implement SCL**
- **Ensuring that you are prepared will help make this transition easier**

What if I have additional questions?

- **Contact your IMO for more information**
- **You can also visit our website at:**
<https://iassure.usareur.army.mil/page.aspx?ID=169>
- **You will be notified about additional training as it becomes available at:**
<https://iassure.usareur.army.mil/page.aspx?ID=321>